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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/649,989	08/27/2003	Vladislav Vashchenko	100-22600 (P05659)	6742
33402	7590 05/16/2005		EXAMINER	
LAW OFFICES OF MARK C. PICKERING			PHAM, LONG	
P.O. BOX 30 PETALUMA	00 A. CA 94953	A 94953		PAPER NUMBER
	,		2814	

DATE MAILED: 05/16/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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	Application No.	Applicant(s)	
	10/649,989	VASHCHENKO ET AL.	
Office Action Summary	Examiner	Art Unit	
	Long Pham	2814	
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address	
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, however, may a reply be ting within the statutory minimum of thirty (30) day will apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	nely filed s will be considered timely. the mailing date of this communication. D (35 U.S.C. § 133).	
Status			
1) Responsive to communication(s) filed on			
	action is non-final.		
3) Since this application is in condition for allowar closed in accordance with the practice under E	-		
Disposition of Claims			
4) Claim(s) 1-4,6-13 and 21-28 is/are pending in the 4a) Of the above claim(s) is/are withdraw 5) Claim(s) 1-4,6-13 and 21 is/are allowed. 6) Claim(s) 22 is/are rejected. 7) Claim(s) 23-28 is/are objected to. 8) Claim(s) are subject to restriction and/or are subject to restriction and/or are subject to by the Examine 10) The specification is objected to by the Examine 10) The drawing(s) filed on is/are: a) access Applicant may not request that any objection to the consequence of the sequence of the se	vn from consideration. relection requirement. r. epted or b) □ objected to by the forwing(s) be held in abeyance. Section is required if the drawing(s) is objected to by the forwing(s) is objected to by the forwing(s).	e 37 CFR 1.85(a). jected to. See 37 CFR 1.121(d).	
11) The oath or declaration is objected to by the Ex	aminer. Note the attached Office	Action or form P10-152.	
Priority under 35 U.S.C. § 119			
 12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority documents 2. Certified copies of the priority documents 3. Copies of the certified copies of the prior application from the International Bureau * See the attached detailed Office action for a list of the certified copies of the attached detailed Office action for a list of the certified copies 	s have been received. s have been received in Applicati ity documents have been receive i (PCT Rule 17.2(a)).	on No ed in this National Stage	
Attachment(s)			
Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948)	4) Interview Summary Paper No(s)/Mail Da		
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date 		Patent Application (PTO-152)	

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DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claim 22 have been considered but are most in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 3. Claim 22 is rejected under 35 U.S.C. 102(b) as being anticipated by Sutton (US patent 4,937,647).

With respect to claim 22, Sutton teaches a silicon controlled rectifier comprising (see fig. 3 and associated text):

- a first semiconductor region 90 of a first conductivity type (N-), the first semiconductor region having a dopant concentration ($C_1 = N$ -);
- a buried region 92 of the first conductivity type (N+), the buried region contacting the first semiconductor region and having a dopant concentration $(C_{buried} = N+)$ that is greater than the dopant concentration of the first semiconductor region;
- a second semiconductor region 96 of a second conductivity type (P) that contacts the first semiconductor region, the second region being spaced apart from the buried region, the second region including all contiguous regions of the second conductivity type;
- a third semiconductor region 118 of the first conductivity type (N+) that contacts the first region, the third region being spaced apart form the buried

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region and the second region, and having a dopant concentration ($C_3 = N + N$) that is greater than the dopant concentration of the first region.

Allowable Subject Matter

- 4. Claims 1-4, 6-13, and 21 are allowed.
- 5. Claims 23-28 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Long Pham whose telephone number is 571-272-1714. The examiner can normally be reached on M-F, 7:30AM-3:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wael Fahmy can be reached on 571-272-1705. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Long Phem

Primary Examiner

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